



The Timken Company

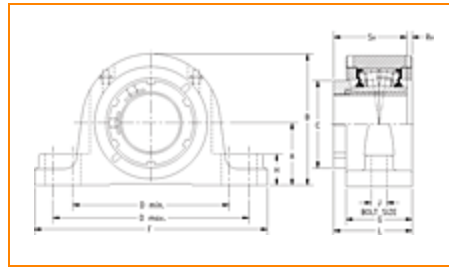
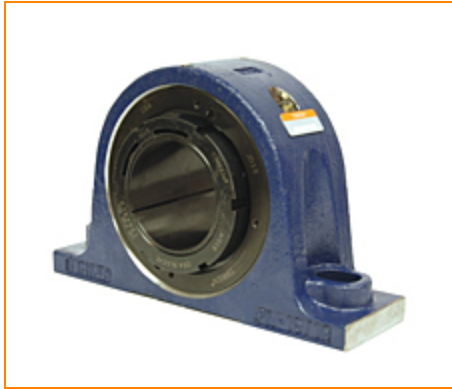
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • Web site: www.timken.com

Timken Part Number QVSN16V075S, Single V-Lock Two-Bolt Pillow Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22216
Shaft Size	75 mm
Shaft Size Type	Metric
Full Timken Part Number	QVSN16V075SB QVSN16V075SC QVSN16V075SEB QVSN16V075SEC QVSN16V075SEM QVSN16V075SEN QVSN16V075SEO QVSN16V075SET QVSN16V075SM QVSN16V075SN QVSN16V075SO QVSN16V075ST QVSN16V075STNG

Locking Style	Single V-Lock
Weight	46.0 lb 20.9 Kg
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450147675 0883450147682 0883450147712 0883450147729 0883450177450 0883450177894 0883450205061 0883450205443 0883450217484 0883450217866 0883450229906 0883450230285 0883450492300

Dimensions

Dimension A	3.74 in 95.0 mm
Dimension B	7.20 in 183 mm
Dimension C	4.17 in 106.0 mm
Dimension D Max	10.98 in 279.0 mm
Dimension D Min	9.49 in 241.0 mm
Dimension F	12.44 in 316.0 mm
Dimension G	2.990 in 76.00 mm

Dimension H	1.33 in 34.0 mm
Dimension J (Bolt Size)	0.750 in 20 mm
Dimension L	3.58 in 91.0 mm
Dimension RV	0.29 in 7.4 mm
Dimension SV	3.29 in 83.6 mm

Radial and Thrust Factors

C0 - Static Load	62500 lb 278 kN
C - Dynamic Load (Basic)	57200 lb 254 kN
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

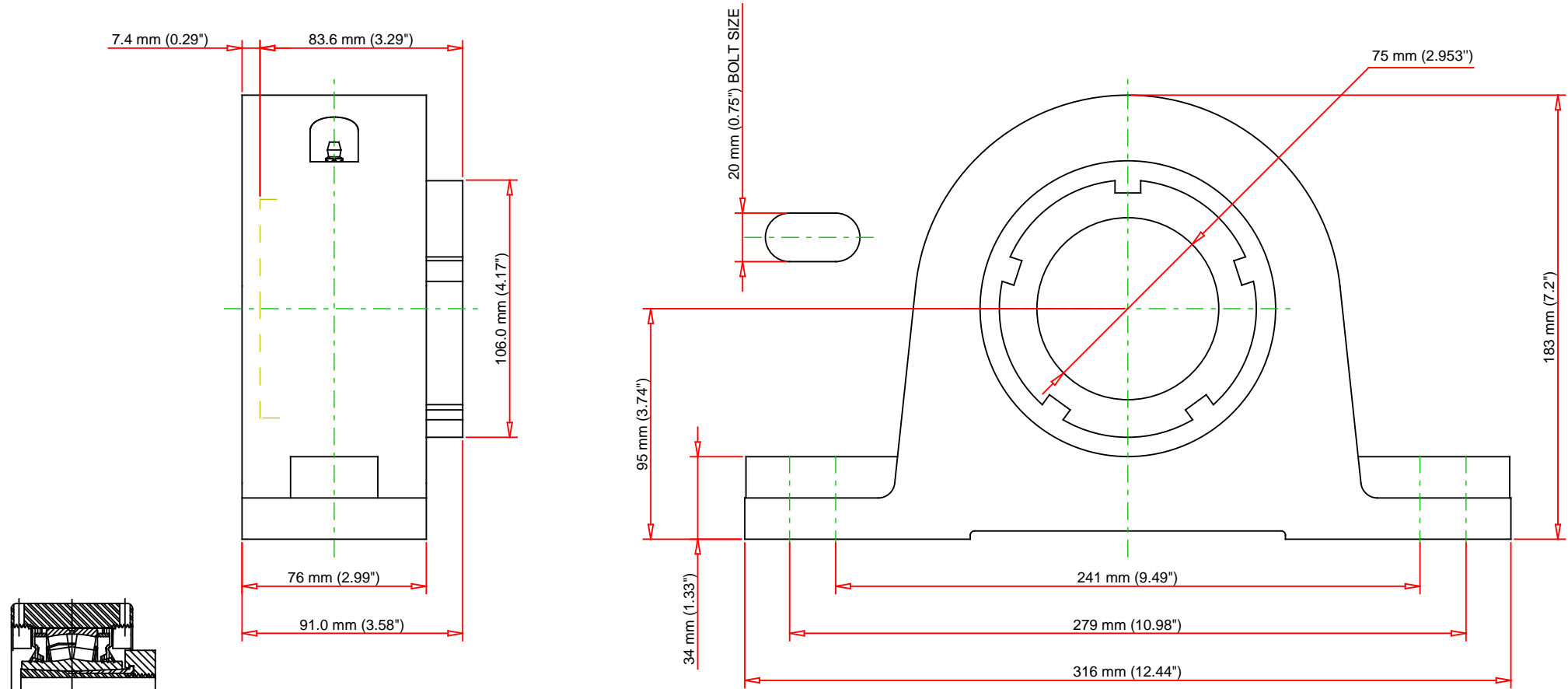
Oil Lubrication - M/N Seal	1500 rpm
Oil Lubrication - T Seal	2650 rpm
Oil Lubrication - B/C/O Seal	1200 rpm
Grease Lubrication - M/N Seal	1500 rpm
Grease Lubrication - T Seal	2200 rpm
Grease Lubrication - B/C/O Seal	1150 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0020 in 0.051 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0037
Eng Internal Radial Clearance - Max	0.0047
Pre Install Clearance Min	0.0037 in 0.095 mm
Pre Install Clearance Max	0.0047 in 0.120 mm



Note: Section View not to Scale

C - Dynamic Load	57200	lb	254	kN
C0 - Static Load	62500	lb	278	kN
Weight	46	lb	20.9	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVSN16V075S
Single V-Lock Two-Bolt Pillow Block

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY